

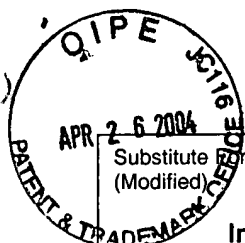
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-079001	Application No. 09/387,109
Information Disclosure Statement by Applicant (Use several sheets if necessary) 37 CFR §1.98(b)		Applicant Matthew J. Adiletta, et al.	
		Filing Date August 31, 1999	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JD	AA	5,905,876	5/18/99	Pawlowski et al.	—	—	
JD	AB	5,745,913	4/28/98	Pattin et al.	—	—	
JD	AC	5,659,687	8/19/97	Kim et al.	—	—	
JD	AD	5,630,130	5/13/1997	Perotto et al.	—	—	
JD	AE	3,373,408	3/12/68	A.T. Ling	—	—	
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
JD	AQ	"Multithreaded Processor Architectures", G.T. Byrd et al., IEEE Spectrum, IEEE Inc., New York, US, Vol. 32, No. 8, 8-1-95, pps. 38-46.
	AR	
	AS	
	AT	

Examiner Signature <i>Lesse Miller</i>	Date Considered 9/2/04
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-079001	Application No. 09/387,109
		Applicant Matthew J. Adiletta et al.	
		Filing Date 08/31/99	Group Art Unit 2183 2187

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR §1.98(b))

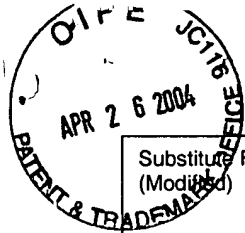
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JD	AA	6,694,380	02/17/2004	Wolrich et al.	7	-	
JD	AB	6,681,300	01/20/2004	Wolrich et al.	7	-	
JD	AC	6,668,317	12/23/2003	Bernstein et al.	7	-	
JD	AD	6,667,920	06/09/2003	Wolrich et al.	7	-	
JD	AE	6,661,794	12/09/2003	Wolrich et al.	7	-	
JD	AF	6,631,462	10/07/2003	Wolrich et al.	7	-	
JD	AG	6,631,430	10/07/2003	Wolrich et al.	7	-	
JD	AH	6,625,654	09/23/2003	Wolrich et al.	7	-	
JD	AI	6,606,704	08/12/2003	Adiletta et al.	7	-	
JD	AJ	6,587,906	07/01/2003	Wolrich et al.	7	-	
JD	AK	6,584,522	06/24/2003	Wolrich et al.	7	-	
JD	AL	6,577,542	06/10/2003	Wolrich et al.	7	-	
JD	AM	6,560,667	05/06/2003	Wolrich et al.	7	-	
JD	AN	6,552,826	04/22/2003	Adler et al.	7	-	
JD	AO	6,532,509	03/11/2003	Wolrich et al.	7	-	
JD	AP	6,463,072	10/08/2002	Wolrich et al.	7	-	
JD	AQ	6,434,145	08/13/2002	Opsasnick et al.	7	-	
JD	AR	6,430,626	08/06/2002	Witkowski et al.	7	-	
JD	AS	6,427,196	07/30/2002	Adiletta et al.	7	-	
JD	AT	6,426,940	07/30/2002	Seo et al.	7	-	
JD	AU	6,415,338	07/02/2002	Habot	7	-	
JD	AV	6,393,483	05/21/2002	Latif et al.	7	-	
JD	AW	6,389,449	05/14/2002	Nermirovsky et al.	7	-	
JD	AX	6,373,848	04/16/2002	Allison et al.	7	-	
JD	AY	6,360,262	03/19/2002	Guenthner et al.	7	-	
JD	AZ	6,356,692	03/12/2002	Kasper et al.	7	-	
JD	AAA	6,347,344	02/12/2002	Baker et al.	7	-	

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		Filing Date 08/31/99	Group Art Unit 2183 <u>2187</u>

U.S. Patent Documents

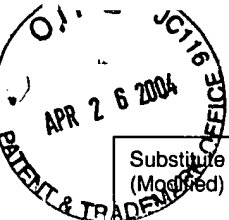
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JD	ABB	6,345,334	02/05/2002	Nakagawa et al.			
JD	ACC	6,324,624	11/27/01	Wolrich et al.			
JD	ADD	6,307,789	10/23/2001	Wolrich et al.			
JD	AEE	6,298,370	10/02/2001	Tang et al.			
JD	AFF	6,289,011	09/11/2001	Seo et al.			
JD	AGG	6,279,113	08/21/2001	Vaidya			
JD	AHH	6,275,505	08/14/2001	O'Loughlin et al.			
JD	AII	6,272,616	08/07/2001	Fernando et al.			
JD	AJJ	6,256,713	07/03/2001	Audityan et al.			
JD	AKK	6,247,025	06/12/2001	Bacon			
JD	ALL	6,223,279	04/24/2001	Nishimura et al.			
JD	AMM	6,223,238	04/24/2001	Meyer et al.			
JD	ANN	6,223,207	04/24/2001	Lucovsky et al.			
JD	AOO	6,216,220	04/10/2001	Hwang			
JD	APP	6,212,611	04/03/2001	Nizar et al.			
JD	AQQ	6,212,542	04/03/2001	Kahle et al.			
JD	ARR	6,201,807	03/18/2001	Prasanna			
JD	ASS	6,199,133	03/06/2001	Schnell			
JD	ATT	6,195,676	02/27/2001	Spix et al.			
JD	AUU	6,182,177	01/30/2001	Harriman			
JD	AVV	6,160,562	12/12/2000	Chin et al.			
JD	AWW	6,157,955	12/05/2000	Narad et al.			
JD	AXX	6,145,054	11/07/2000	Mehrotra et al.			
JD	AYY	6,144,669	11/07/2000	Williams et al.			
JD	AZZ	6,141,765	10/31/2000	Sherman			
JD	AAAA	6,141,689	10/31/2000	Yasrebi			
JD	ABBB	6,134,665	10/17/2000	Klein et al.			

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		Filing Date 08/31/99	Group Art Unit 2183 2187

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JD	ACCC	6,112,016	08/29/2000	MacWilliams et al.			
JD	ADDD	6,092,158	07/18/2000	Harriman et al.			
JD	AEEE	6,092,127	07/18/2000	Tausheck			
JD	AFFF	6,085,294	07/04/2000	Van Doren et al.			
JD	AGGG	6,085,215	07/04/2000	Ramakrishnan et al.			
JD	AHHH	6,079,008	06/20/2000	Clery, III			
JD	AIII	6,073,215	06/06/2000	Snyder			
JD	AJJJ	6,072,781	06/06/2000	Feeney et al.			
JD	AKKK	6,070,231	05/30/2000	Ottinger			
JD	ALLL	6,067,585	05/23/2000	Hoang			
JD	AMMM	6,058,168	05/02/2000	Braband			
JD	ANNN	6,023,742	02/08/2000	Ebeling et al.			
JD	AOOO	6,014,729	01/11/2000	Lannan et al.			
JD	APPP	6,012,151	01/04/2000	Mano			
JD	AQQQ	5,983,274	11/09/1999	Hyder et al.			
JD	ARRR	5,978,838	11/02/1999	Mohammed et al.			
	ASSS	5,978,838	11/02/1999	Heinrich et al.			
JD	ATTT	5,970,013	10/19/1999	Fischer et al.			
JD	AUUU	5,961,628	10/05/1999	Nguyen et al.			
JD	AVVV	5,958,031	09/28/1999	Kim			
JD	AWWW	5,948,081	09/07/1999	Foster			
JD	AXXX	5,946,487	08/31/1999	Dangelo			
JD	AYYY	5,940,866	08/17/1997	Chisholm et al.			
JD	AZZZ	5,940,612	08/17/1999	Brady et al.			
JD	AAAAA	5,937,187	08/21/1995	Kosche et al.			
	ABBBB	5,928,736	08/17/1999	Muller et al.			
JD	ACCCC	5,915,123	06/22/1999	Mirsky et al.			

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Date Considered

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Sheet 4 of 8

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-079001	Application No. 09/387,109
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Matthew J. Adiletta et al.	
		Filing Date 08/31/99	Group Art Unit 2183 2187

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JD	ADDDD	5,905,889	05/18/1999	Wilhelm, Jr.	—	—	
JD	AEEEE	5,892,979	04/06/1999	Shiraki et al.			
JD	AFFFF	5,890,208	03/30/1999	Kwon			
JD	AGGGG	5,887,134	03/23/1999	Ebrahim			
JD	AHHHH	5,886,992	03/23/1999	Raatikaian et al.			
JD	AIIII	5,860,158	01/12/1999	Pai et al.			
JD	AJJJJ	5,854,922	12/29/1998	Gravenstein et al.			
JD	AKKKK	5,835,755	11/10/1998	Stellwagen, Jr.			
JD	ALLLL	5,832,215	11/03/1998	Kato et al.			
JD	AMMMM	5,828,863	10/27/1998	Barrett et al.			
JD	ANNNN	5,828,746	10/27/1998	Ardon			
JD	AOOOO	5,812,868	11/22/1998	Moyer et al.			
JD	APPPP	5,809,530	09/15/1998	Samra et al.			
JD	AQQQQ	5,809,235	09/15/1998	Sharma et al.			
JD	ARRRR	5,797,043	08/18/1998	Lewis et al.			
JD	ASSSS	5,796,413	08/18/1998	Shipp et al.			
JD	ATTTT	5,784,712	07/21/1998	Byers et al.			
JD	AUUUU	5,784,649	07/21/1998	Begur et al.			
JD	AVVVV	5,781,774	07/14/1998	Krick			
JD	AWWWW	5,761,522	06/02/1998	Hisanga et al.			
JD	AXXXX	5,761,507	06/02/1998	Govett			
JD	AYYYY	5,751,987	04/12/1998	Mahant-Shetti et al.			
JD	AZZZZ	5,742,822	04/21/1998	Motomura			
JD	AAAAA	5,742,782	04/21/1998	Ito et al.			
JD	BBBBB	5,742,587	04/21/1998	Zornig et al.			
JD	ACCCCC	5,721,870	02/24/1998	Matsumoto			
JD	ADDDDI	5,717,898	02/10/1998	Kagan et al.			

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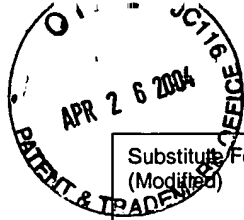
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Jesse Diller

Date Considered

9/2/04

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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Matthew J. Adiletta et al.	
		Filing Date 08/31/99	Group Art Unit 2183 2187

U.S. Patent Documents

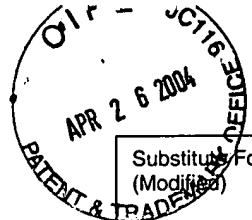
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JD	AEEEEEE	5,699,537	12/16/1997	Sharangpani et al.	—	—	
JD	AFFFFF	5,689,566	11/18/1997	Nguyen			
JD	AGGGGC	5,680,641	10/21/1997	Sidman			
JD	AHHHHH	5,649,157	07/15/1997	Williams			
JD	AIIIII	5,644,623	07/01/1997	Gutledge			
JD	AJJJJJ	5,627,829	05/06/1997	Gleeson et al.			
JD	AKKKKK	5,623,489	04/22/1997	Cotton et al.			
JD	ALLLLL	5,613,136	03/18/1997	Casavant et al.			
JD	AMMMMM	5,613,071	03/18/1997	Rankin et al.			
JD	ANNNNN	5,592,622	01/07/1997	Isfeld et al.			
JD	AOOOOC	5,574,922	11/12/1996	James			
JD	APPPPP	5,568,617	10/22/1996	Kametani			
JD	AQQQQQ	5,557,766	09/17/1996	Takiguchi et al.			
JD	ARRRRR	5,550,816	08/27/1996	Hardwick et al.			
JD	ASSSSS	5,544,236	08/06/1996	Andruska et al.			
JD	ATTTTT	5,542,088	07/30/1996	Jennings, Jr. et al.			
JD	AUUUUU	5,542,070	07/30/1996	LeBlanc et al.			
JD	AVVVVV	5,517,648	05/14/1996	Bertone et al.			
JD	AWWWWW	5,467,452	11/14/1995	Blum et al.			
JD	AXXXXX	5,463,625	10/31/1995	Yasrebi			
JD	AYYYYY	5,459,842	10/17/1995	Begun et al.			
JD	AZZZZZ	5,452,437	09/19/1995	Richey et al.			
JD	AAAAAA	5,450,351	09/12/1995	Heddes			
JD	ABBBBB	5,448,702	09/05/1995	Garcia, Jr. et al.			
JD	ACCCCC	5,432,918	07/11/1995	Stamm			
JD	ADDDDD	5,404,484	04/04/1995	Bennett			
JD	AEEEEEE	5,404,482	04/04/1995	Stamm et al.			

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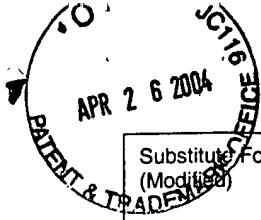


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	Filing Date 08/31/99		Group Art Unit 2183 2187	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JD	AAAAAA	5,392,412	02/21/1995	McKenna	—	—	
JD	AGGGGG	5,392,411	02/21/1995	Ozaki			
JD	AHHHHH	5,392,391	02/21/1995	Caulk, Jr. et al.			
JD	AIIIII	5,390,329	02/14/1995	Gaertner et al.			
JD	AJJJJJ	5,367,678	11/22/1994	Lee et al.			
JD	AKKKKK	5,347,648	09/13/1994	Stamm et al.			
JD	ALLLLL	5,263,169	11/16/1993	Genusov et al.			
JD	MMMMMM	5,255,239	10/19/1993	Taborn et al.			
JD	ANNNNN	5,173,897	12/22/1992	Schrodi et al.			
	AOOOOO	5,173,897	12/22/1992	Pfeiffer et al.			
JD	APPPPP	5,168,555	12/01/1992	Byers et al.			
JD	AQQQQQ	5,155,854	10/13/1992	Flynn et al.			
JD	ARRRRR	5,155,831	10/13/1992	Emma et al.			
JD	ASSSSS	5,142,683	08/25/1992	Burkhardt, Jr. et al.			
JD	ATTTTT	5,140,685	08/18/1992	Sipple et al.			
JD	AUUUUU	4,866,664	09/12/1989	Burkhardt, Jr. et al.			
JD	AVVVVV	4,745,544	05/17/1988	Renner et al.			
JD	WWWWWW	4,523,272	06/11/1985	Fukunaga et al.			
JD	AXXXXX	4,514,807	04/30/1985	Nogi			
JD	AYYYYY	4,400,770	08/23/1983	Chan et al.			
JD	AZZZZZ	4,130,890	12/19/1978	Adam			
JD	AAAAAA	3,940,745	02/24/1976	Sajeva			
JD	BBBBBB	3,792,441	02/12/1974	Wymore et al.			
JD	CCCCCC	10/726,757	12/03/2003	Wolrich et al.			
JD	DDDDDD	10/684,078	10/10/2003	Wolrich et al.			
JD	EEEEEE	10/664,202	09/16/2003	Wolrich et al.			
JD	FFFFFF	10/644,337	08/20/2003	Wolrich et al.			

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EXAMINER: Initials of person considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



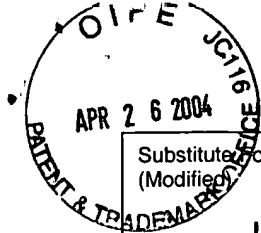
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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JD	GGGGGC	10/643,438	08/19/2003	Bernstein et al.	—	—	
JD	HHHHHF	10/615,500	07/08/2003	Adiletta	↓	↓	
JD	AIHHII	10/615,280	07/08/2003	Wolrich et al.			
	AJJJJJ	10/449,079	05/15/2003	Wolrich et al.			
JD	KKKKKK	10/208,264	07/30/2002	Adiletta et al.			
JD	ALLLLL	09/969,436	10/02/2001	Wolrich et al.			
	MMMMMM	09/476,303	12/30/1999	Wolrich et al.			
	NNNNNN	09/475,614	12/30/1999	Wolrich et al.			
	OOOOOC	09/473,571	12/28/1999	Wolrich et al.			
	APPPPP	09/287,109	08/31/1999	Adiletta et al.	↓	↓	

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
JD	QQQQQC	WO 01/50679	07/12/2001	WIPO	—	—		
JD	RRRRRR	WO 01/50247	07/12/2001	WIPO	↓	↓		
JD	ASSSSS	WO 01/48619	07/05/2001	WIPO				
JD	ATTTTT	WO 01/48606	07/05/2001	WIPO				
JD	UUUUUU	WO 01/48596	07/05/2001	WIPO				
JD	VVVVVV	WO 01/16782	03/08/2001	WIPO				
JD	WWWW	WO 01/16769	03/08/2001	WIPO				
JD	XXXXXX	WO 01/15718	03/08/2001	WIPO				
JD	YYYYYY	WO 97/38372	10/16/1997	WIPO				
JD	ZZZZZZ	WO 94/15287	07/07/1994	WIPO				
JD	AAAAAA	EP 0 809 180	11/26/1997	Europe				
JD	BBBBBB	EP 0 745 933	12/04/1996	Europe				
JD	CCCCCC	EP 0 633 678	01/11/1995	Europe				
JD	DDDDDD	EP 0 464 715	01/08/1992	Europe				

Examiner Signature <i>Jesse Oiler</i>	Date Considered 7/2/04
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							Yes	No
JD	EEEEEEEE	EP 0 379 709	08/01/1990	Europe				
JD	AAAAFFFF	59111533	06/27/1984	Japan				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
JD	GGGGGGGG	Doyle et al., <i>Microsoft Press Computer Dictionary</i> , 2 nd ed., Microsoft Press, Redmond, Washington, USA, 1994, p. 326.
JD	HHHHHHHH	Fillo et al., "The M-Machine Multicomputer," IEEE Proceedings of MICRO-28, 1995, pp. 146-156.
JD	IIIIIIII	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
JD	AJJJJJJJ	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," IEEE Symposium on FPGAs for Custom Computing Machines, 1998.
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Examiner Signature <i>Jesse Diller</i>	Date Considered <i>9/2/04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-079001	Application No. 09/387,109
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Matthew J. Adiletta, et al.	
		Filing Date August 31, 1999	Group Art Unit 2183

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Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
	AK							
	AL							
	AM							
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	AO							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
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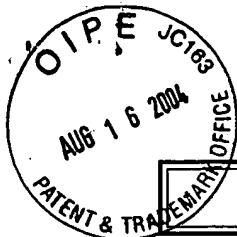
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention	SDRAM CONTROLLER FOR PARALLEL PROCESSOR ARCHITECTURE			
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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass

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JD	2	20030115347	2003-06-19	Wolrich et al.
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JD	12	20040098496	2004-05-20	Wolrich et al.
JD	13	20040109369	2004-06-10	Wolrich et al.

Signature

Examiner Name	Date
<i>Jesse Diller</i>	<i>9/2/04</i>